

Transition Meeting – ADEC Water Quality Standards Group

Chuitna Coal Project SSC

1. Overall Site Specific Criteria Plan
 - a. April 2009 – PRC hires Tetra Tech to assist project with Water Management Plan
 - b. July 2009 – presentation to agencies that included:
 - i. Approach to water management
 - ii. Introduced idea of site specific criteria
 - iii. Submit first overall plan for setting SSC criteria, including:
 1. WER approach for Al, Pb, Zn and Pb (standard accepted approach)
 2. UAA Approach for Mn and Fe (standard accepted approach)
 3. Study plan for Fe criteria (developed approach)
 - iv. July 22, 2009 – meeting in Seattle to review permit approach and SSC plan
 - c. August 2009
 - i. Comments from agencies received on study plan (August 5th, 2009)
 - ii. August 10th, 2009 – teleconference to discuss agency comments
 - iii. August 20, 2009 - Submit revised study plan based on agency feedback and comments dated August 20, 2009
 - d. September 2009
 - i. September 8 and 9 – extensive technical discussions on SSC plan
 - ii. September 18, 2009 – ADEC submits comment/response summary from September discussions
2. WER
 - a. September 2009
 - i. Sept 23 – submit additional hydrologic information on stream flow characteristics
 - ii. September 24 – QAPP plan submitted for WER tests
 - b. Field Collection and testing
 - i. Oct 4, 2009 – first water samples collected from field (high flow event)
 - ii. Oct 25, 2009 – second sample collected for testing
 - iii. Nov 29, 2009 – third sample collected (low flow conditions)
 - c. Test results
 - i. Nov 18, 2009 – PRC submits interim results from first 2 test rounds
 - ii. Dec 2, 2009 – review and discussion of preliminary results (evening meeting, multi-agency)
 - iii. March 12, 2012 – WER test results report released
 - d. Follow-Up
 - i. March-July – multiple discussions on WER report

- ii. October 21, 2011 – Meeting in Seattle to discuss status of WER review, among other SSC items; introduced idea of confirmation testing; EPA and ADEC to discuss further
 - iii. Late Oct, 2010 – confirmation testing requested
- e. Confirmation Testing
 - i. Nov 2, 2010 – proposed confirmation test procedure submitted
 - ii. Nov 16, 2010 – telecom to discuss technical details of running mixture tests; concerns over reactivity in lab
 - iii. Nov 18, 2010 – revised test procedure developed
 - iv. Dec 3, 2010 – Final test procedure submitted
 - v. Dec 7, 2010 – sample collected to allow confirmation test to be conducted
 - vi. Dec 7, 2010 – final comments submitted by EPA on mixed metal test
 - vii. Jan 7, 2011 – test results complete
 - viii. May 6, 2011 – results submitted to ADEC
- f. End of record (comments received from EPA, no formal response submitted)
- 3. Manganese
 - a. April 16, 2010 – draft UAA and Human Health Standard calculation report submitted
 - b. April-July – review period by agencies; Issues raised with Mn report approach
 - c. August 2010 – responses to ADEC comments submitted
 - d. Sept 2010 – PRC proposes changes to MN report approach
 - i. Seasonal use for Irrigation
 - ii. Site specific calculation for Mn standard for Aquatic and Human Health Consumption
 - e. Oct 21, 2010 – meeting in Seattle to discuss, among other items, the Mn criteria with EPA
 - f. Feb 4, 2011 – revised report submitted – UAA only
 - g. Feb 4, 2011 – Standalone report for proposed site specific standard for Mn
 - h. End of Record (comments received from EPA, no formal response submitted)